

EPA Notification of Hazardous Waste SiteUnited States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

810609 NYS 000 001 208

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name NL Industries, Inc.
Street P. O. Box 1090 (Wyckoff Mills Rd.)
City Hightstown State NJ Zip Code 08520

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Titanium Alloy Mfg. Div.
Street Hyde Park Blvd.
City Niagara Falls County Niagara State NY Zip Code 14303

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) Baser, F. R., Dir. Environmental Control
Rodman, H. G., Environmental Engineer
Phone 609/443-2411 or 2410

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1948 To (Year) 1979

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

- 1 ☐ Organics
- 2 ☒ Inorganics
- 3 ☐ Solvents
- 4 ☐ Pesticides
- 5 ☐ Heavy metals
- 6 ☐ Acids
- 7 ☐ Bases
- 8 ☐ PCBs
- 9 ☐ Mixed Municipal Waste
- 10 ☐ Unknown
- 11 ☒ Other (Specify)

(Various chemicals)

Source of Waste:
Place an X in the appropriate boxes.

- 1 ☐ Mining
- 2 ☐ Construction
- 3 ☐ Textiles
- 4 ☐ Fertilizer
- 5 ☐ Paper/Printing
- 6 ☐ Leather Tanning
- 7 ☐ Iron/Steel Foundry
- 8 ☒ Chemical, General
- 9 ☐ Plating/Polishing
- 10 ☐ Military/Ammunition
- 11 ☐ Electrical Conductors
- 12 ☐ Transformers
- 13 ☐ Utility Companies
- 14 ☐ Sanitary/Refuse
- 15 ☐ Photofinish
- 16 ☐ Lab Hospital
- 17 ☐ Unknown
- 18 ☒ Other (Specify)

Magnets, retractors,
titanates, zirconates,
stannates

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.



Notification of Hazardous Waste Site	Side Two	
F Waste Quantity Place an X in the appropriate boxes to indicate the facility types found at the site In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons. In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.	Facility Type 1 <input type="checkbox"/> Piles 2 <input type="checkbox"/> Land Treatment 3 <input checked="" type="checkbox"/> Landfill 4 <input type="checkbox"/> Tanks 5 <input type="checkbox"/> Impoundment 6 <input type="checkbox"/> Underground Injection 7 <input type="checkbox"/> Drums, Above Ground 8 <input type="checkbox"/> Drums, Below Ground 9 <input type="checkbox"/> Other (Specify) _____	Total Facility Waste Amount cubic feet <u>Unknown</u> gallons _____ Total Facility Area square feet <u>Unknown</u> acres _____

G Known, Suspected or Likely Releases to the Environment:
Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

☐ Known ☒ Suspected ☐ Likely ☐ None

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

Various waste chemicals buried on-site, i.e. wastes from manufacture of ferrotitanium, refractories, titanates, zirconates, and stannates.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name F. R. Baser CONTROL
Street _____
City _____ State _____ Zip Code _____
Signature F. R. Baser Date 6/8/81

- ☐ Owner, Present
☒ Owner, Past
☐ Transporter
☐ Operator, Present
☒ Operator, Past
☐ Other

NL INDUSTRIES, INC.
Hyde Park Boulevard Site

The Hyde Park Boulevard disposal site of NL Industries is located in the Town of Niagara. It is bordered on the north by railroad tracks, on the south by Pennsylvania Street, on the east by Witmer Road and on the west by the NL Industries plant. To the north of the railroad tracks is Hooker's Hyde Park landfill.

The surface water nearest to the site is the Niagara River, 0.4 miles to the west. There are no wells close to the site.

The site, 30 to 50 acres in size, was probably used by NL Industries for the disposal of wastes as early as 1906. From 1930 to 1976 when the site was closed, the following amounts of wastes were disposed of there:

Iron carbon titanium alloy	500 tons
Uncalcined titanium oxide	386 tons
Ammonium zirconia carbonate solution	3.6 tons
Magnesium chloride with zirconium impurity	43 tons
Zirconium sodium potassium chloride mixture	3.3 tons
Aluminum oxide with titania impurity	2000 tons
Silica fume with motor oil	50 tons
Ammonia zirconium carbonate	1 ton

The wastes were disposed of in steel drums, steel shells, plastic bottles or, in the case of uncalcined titanium oxide, aluminum oxide and the silica fume, in bulk.

The major health and environmental problem posed by the NL Industries site is the potential cross contamination of groundwater with the adjacent Hyde Park landfill owned by Hooker and the migration of leachate which may contaminate sediments already contaminated by leachate from the Hooker site. In addition, this site has not been properly closed.